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Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	252011-1300
First Inventor	Huang et al.
Title	METHOD AND SYSTEM OF CLASSIFYING DEMAND DATA
Express Mail Label No.	EV269334255US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:

Mail Stop Patent Application
P.O. Box 1450
Commissioner for Patents
Alexandria, VA 22313-1450

 APPLICANT REQUESTS EARLY PUBLICATION UNDER 37 CFR 1.219 (additional fee)

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status.	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i>	a. <input type="checkbox"/> Computer Readable Copy (CRF)
[Total Pages] 35 J	
<ul style="list-style-type: none"> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed. Sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure 	
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113)	[Total Sheets] 6 J
5. Oath or Declaration	[Total Pages] 2 J
a. <input type="checkbox"/> Newly Executed (original or copy)	
b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	
Assignee Name and Address <i>(if applicable)</i>	
18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:	
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: / .	
Prior application information: <u>Examiner</u> Group / Art Unit: _____	

For CONTINUATION OR DIVISIONAL APPS only: the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

24504or Correspondence address below

NAME	Daniel R. McClure Thomas, Kayden, Horstemeyer & Risley, L.L.P.		
ADDRESS	100 Galleria Parkway Suite 1750		
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Name (Print/Type)	Daniel R. McClure	Registration No. (Attorney/Agent)	38,962
Signature			Date Aug 22, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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PTOApproved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revisions.

Complete If Known	
Application Number	Unassigned
Filing Date	August 22, 2003
First Named Inventor	Huang et al.
Examiner Name	Unassigned
Group / Art Unit	Unassigned
Attorney Docket No.	252011-1300

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 1212.00)

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

 Deposit Account

Deposit Account Number

20-0778

Deposit Account Name

Thomas, Kayden, Horstemeyer Risley, L.L.P.

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEES CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\\$)	
1001	2001	375	Utility Filing Fee
1002	2002	165	Design Filing Fee
1003	2003	260	Plant Filing Fee
1004	2004	375	Reissue Filing Fee
1005	2005	80	Provisional Filing Fee
SUBTOTAL (1)		(\$750)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee From Below	Fee Paid
41 - 20** =	21 X 18.00 =	378
4 - 3** =	1 X 84.00 =	84
0	280.00 =	0

Large Entity	Small Entity	Fee Description
Fee Code	Fee Code	(\\$)
1202	2202	9
18		Claims in excess of 20
1201	2201	42
84		Independent claims in excess of 3
1203	2203	140
280		Multiple dependent claim, if not paid
1204	2204	42
84		**Reissue independent claims over original patent
1205	2205	9
18		**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$462)

**or number previously paid, if greater; For Reissues, see above

FEES CALCULATION (continued)

3. ADDITIONAL FEES	Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	(\\$)	Fee Code	(\\$)
1051	130		2051	65
				Surcharge-late filing fee or oath
1052	50		2052	25
				Surcharge-late provisional filing fee or cover sheet
1053	130		1053	130
				Non-English specification
1812	2,520		1812	2,520
				For filing a request for ex parte reexamination
1804	920*		1804	920*
				Requesting publication of SIR prior to Examiner action
1805	1,840*		1805	1,840*
				Requesting publication of SIR after Examiner action
1251	110		2251	55
				Extension for reply within first month
1252	410		2252	205
				Extension for reply within second month
1253	930		2253	465
				Extension for reply within third month
1254	1,450		2254	725
				Extension for reply within fourth month
1255	1,970		2255	985
				Extension for reply within fifth month
1401	320		2401	160
				Notice of Appeal
1402	320		2402	160
				Filing a brief in support of an appeal
1403	280		2403	140
				Request for oral hearing
1451	1,510		1451	1,510
				Petition to institute a public use proceeding
1452	110		2452	55
				Petition to revive-unavoidable
1453	1,300		2453	650
				Petition to revive-unintentional
1501	1,300		2501	650
				Utility issue fee (or reissue)
1502	470		2502	235
				Design issue fee
1503	630		2503	315
				Plant issue fee
1460	130		1460	130
				Petitions to the Commissioner
1807	50		1807	50
				Processing fee for provisional application
1806	180		1806	180
				Submission of Information Disclosure Stmt
8021	40		8021	40
				Recording each patent assignment per property (times number of properties)
1809	750		2809	375
				Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750		2810	375
				For each add. invention to be examined (37 CFR 1.129(b))
1801	750		2801	375
				Request for Continued Examination (RCE)
1802	900		1802	900
				Request for expedited exam. of a design application
Other fee (specify)			SUBTOTAL (3)	(\$ 0)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name	Signature	Complete (if applicable)
Daniel R. McClure		Registration No. 38,962 (Attorney/Agent) Telephone Number 770-933-9500 Date Aug 22, 2003

WARNING: Information on this form may become public. Credit Card Information should not be included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 USC 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND TO Commissioner of Patents, Washington D.C. 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Huang et al.**

For: **Method and System of Classifying Demand Data**

CERTIFICATE OF EXPRESS MAIL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard
Utility Patent Application Transmittal Page
Fee Transmittal Page
Utility Patent Application Consisting Of:
 14 Pages of Specification
 20 Pages of Claims (Claims 1-41)
 1 Page of Abstract
 6 Pages of Formal Drawings (Figs. 1-5)
Declaration (unexecuted)

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Daniel R. McClure; Reg. No. 38,962

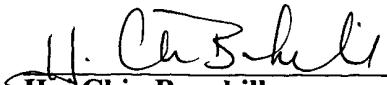

**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.
100 Galleria Parkway, N.W.
Suite 1750
Atlanta, Georgia 30339-5948**

Our Docket No: **252011-1300**

I hereby certify that all correspondence listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EV269334255US**.

Date: Aug. 22, 2003


Hui Chin Barnhill